

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	3	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	4	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	5	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	6	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	7	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	8	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	9	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	10	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	11	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	12	JUN 25	CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS	13	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	14	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	15	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	16	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	17	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	18	JUL 28	EPFULL enhanced with additional legal status information from the EPOline Register
NEWS	19	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	20	JUL 28	STN Viewer performance improved
NEWS	21	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	22	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	23	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	24	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	25	AUG 25	CA/CAPLUS, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS	26	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	27	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	28	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances

NEWS 29 SEP 26 WPIDS, WPINDEX, and WPIX coverage of Chinese and
and Korean patents enhanced
NEWS 30 SEP 29 IFICLS enhanced with new super search field
NEWS 31 SEP 29 EMBASE and EMBAL enhanced with new search and
display fields
NEWS 32 SEP 30 CAS patent coverage enhanced to include exemplified
prophetic substances identified in new Japanese-
language patents

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:45:38 ON 01 OCT 2008

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 11:46:15 ON 01 OCT 2008

69 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s ethanol extraction and coral and bone and pressure and temperature

37 FILES SEARCHED...

8 FILE USPATFULL

1 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L1 QUE ETHANOL EXTRACTION AND CORAL AND BONE AND PRESSURE AND TEMPERATURE

=> file uspatfull

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.65	0.86

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 11:47:06 ON 01 OCT 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 30 Sep 2008 (20080930/PD)

FILE LAST UPDATED: 30 Sep 2008 (20080930/ED)
HIGHEST GRANTED PATENT NUMBER: US7430762
HIGHEST APPLICATION PUBLICATION NUMBER: US20080235840
CA INDEXING IS CURRENT THROUGH 29 Sep 2008 (20080929/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 30 Sep 2008 (20080930/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2008
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2008

USPATFULL now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

=> s l1

381937 ETHANOL
319612 EXTRACTION
921 ETHANOL EXTRACTION
(ETHANOL(W)EXTRACTION)
4431 CORAL
141786 BONE
1893351 PRESSURE
1848143 TEMPERATURE

L2 8 ETHANOL EXTRACTION AND CORAL AND BONE AND PRESSURE AND TEMPERATU
RE

=> d hist

(FILE 'HOME' ENTERED AT 11:45:38 ON 01 OCT 2008)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 11:46:15 ON 01 OCT 2008
SEA ETHANOL EXTRACTION AND CORAL AND BONE AND PRESSURE AND TEMP

8 FILE USPATFULL

L1 QUE ETHANOL EXTRACTION AND CORAL AND BONE AND PRESSURE AND TEMP

FILE 'USPATFULL' ENTERED AT 11:47:06 ON 01 OCT 2008

L2 8 S L1

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.50

2.36

STN INTERNATIONAL LOGOFF AT 11:47:16 ON 01 OCT 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 APR 03 CAS coverage of exemplified prophetic substances
enhanced
NEWS 4 APR 07 STN is raising the limits on saved answers
NEWS 5 APR 24 CA/CAPLUS now has more comprehensive patent assignee
information
NEWS 6 APR 26 USPATFULL and USPAT2 enhanced with patent
assignment/reassignment information
NEWS 7 APR 28 CAS patent authority coverage expanded
NEWS 8 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 9 APR 28 Limits doubled for structure searching in CAS
REGISTRY
NEWS 10 MAY 08 STN Express, Version 8.4, now available
NEWS 11 MAY 11 STN on the Web enhanced
NEWS 12 MAY 11 BEILSTEIN substance information now available on
STN Easy
NEWS 13 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased
limits for exact sequence match searches and
introduction of free HIT display format
NEWS 14 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal
status data
NEWS 15 MAY 28 CAS databases on STN enhanced with NANO super role in
records back to 1992
NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching
enhanced on STN

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN customer
agreement. This agreement limits use to scientific research. Use
for software development or design, implementation of commercial
gateways, or use of CAS and STN data in the building of commercial
products is prohibited and may result in loss of user privileges
and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 20:02:56 ON 12 JUN 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:03:21 ON 12 JUN 2009

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s marine(p)coral? and extract? and organic and temperature?

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
2 FILE BIOSIS
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
1 FILE EMBASE
1 FILE ESBIODBASE
0* FILE FOMAD

31 FILES SEARCHED...

0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
1 FILE MEDLINE
0* FILE NTIS
0* FILE NUTRACEUT
2* FILE PASCAL
0* FILE PHARMAML
1 FILE PROMT
2 FILE SCISEARCH
1 FILE TOXCENTER

58 FILES SEARCHED...

175 FILE USPATFULL
52 FILE USPAT2
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

12 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE MARINE(P) CORAL? AND EXTRACT? AND ORGANIC AND TEMPERATURE?

=> file biosis embase esbiobase medline pascal promt scisearch toxcenter uspatfull
uspat2

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.40	3.62

FILE 'BIOSIS' ENTERED AT 20:06:16 ON 12 JUN 2009
Copyright (c) 2009 The Thomson Corporation

FILE 'EMBASE' ENTERED AT 20:06:16 ON 12 JUN 2009
Copyright (c) 2009 Elsevier B.V. All rights reserved.

FILE 'ESBIODBASE' ENTERED AT 20:06:16 ON 12 JUN 2009
COPYRIGHT (C) 2009 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'MEDLINE' ENTERED AT 20:06:16 ON 12 JUN 2009

FILE 'PASCAL' ENTERED AT 20:06:16 ON 12 JUN 2009
Any reproduction or dissemination in part or in full,

by means of any process and on any support whatsoever
is prohibited without the prior written agreement of INIST-CNRS.
COPYRIGHT (C) 2009 INIST-CNRS. All rights reserved.

FILE 'PROMT' ENTERED AT 20:06:16 ON 12 JUN 2009
COPYRIGHT (C) 2009 Gale Group. All rights reserved.

FILE 'SCISEARCH' ENTERED AT 20:06:16 ON 12 JUN 2009
Copyright (c) 2009 The Thomson Corporation

FILE 'TOXCENTER' ENTERED AT 20:06:16 ON 12 JUN 2009
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 20:06:16 ON 12 JUN 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 20:06:16 ON 12 JUN 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'MARINE(P) CORAL?'
L2 238 L1

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 234 DUP REM L2 (4 DUPLICATES REMOVED)

=> s l3 and supercritical(p)fluid?
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ERCRITICAL(P)FLUID?'
L4 4 L3 AND SUPERCRITICAL(P) FLUID?

=> d l4 1-4

L4 ANSWER 1 OF 4 USPATFULL on STN
AN 2008:361530 USPATFULL
TI HIGHLY CHARGED MICROCAPSULES
IN TRAYNOR, Daniel Henry, Sarasota, FL, UNITED STATES
Traynor, Henry G., Sarasota, FL, UNITED STATES
Markowitz, Steven M., Honolulu, HI, UNITED STATES
Compton, David L., Ventura, CA, UNITED STATES
PI US 20080317795 A1 20081225
AI US 2008-125035 A1 20080521 (12)
PRAI US 2007-939318P 20070521 (60)
DT Utility
FS APPLICATION
LN.CNT 3868
INCL INCLM: 424/401.000
INCLS: 424/059.000
NCL NCLM: 424/401.000
NCLS: 424/059.000
IC IPCI A61K0008-00 [I,A]; A61Q0017-04 [I,A]
IPCR A61K0008-00 [I,C]; A61K0008-00 [I,A]; A61Q0017-04 [I,C];
A61Q0017-04 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 4 USPATFULL on STN
AN 2005:280484 USPATFULL
TI Isolation and production of bioactive marine products
IN Kerr, Russell G., Boca Raton, FL, UNITED STATES
PI US 20050244427 A1 20051103

AI US 2005-64018 A1 20050218 (11)
 PRAI US 2004-546481P 20040220 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 655
 INCL INCLM: 424/195.170
 INCLS: 435/257.100
 NCL NCLM: 424/195.170
 NCLS: 435/257.100
 IC [7]
 ICM A61K035-80
 ICS C12N001-12
 IPCI A61K0035-80 [ICM,7]; C12N0001-12 [ICS,7]
 IPCR A61K0036-02 [I,C*]; A61K0036-02 [I,A]; C12N0001-12 [I,C*];
 C12N0001-12 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 4 USPATFULL on STN
 AN 2005:131263 USPATFULL
 TI Pseudopterosin production
 IN Kerr, Russell, Boca Raton, FL, UNITED STATES
 PI US 20050112724 A1 20050526
 AI US 2004-875262 A1 20040624 (10)
 PRAI US 2003-482095P 20030624 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1523
 INCL INCLM: 435/069.100
 INCLS: 435/257.100
 NCL NCLM: 435/069.100
 NCLS: 435/257.100
 IC [7]
 ICM C12N001-12
 IPCI C12N0001-12 [ICM,7]
 IPCR C12N0001-12 [I,C*]; C12N0001-12 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 4 USPATFULL on STN
 AN 2004:141081 USPATFULL
 TI Pharmaceutical preparations of bioactive substances extracted
 from natural sources
 IN Martin, Michael Z., Laupahoehoe, HI, United States
 Ashraf-Khorassani, Mehdi, Blacksburg, VA, United States
 Taylor, Larry, Blacksburg, VA, United States
 PA Armadillo Pharmaceuticals, Inc., Armocas, CA, United States (U.S.
 corporation)
 Virginia Tech. Intellectual Properties, Inc., Blackburg, VA, United
 States (U.S. corporation)
 PI US 6746695 B1 20040608
 AI US 2000-578849 20000526 (9)
 RLI Continuation-in-part of Ser. No. US 2000-518191, filed on 3 Mar 2000,
 now abandoned Continuation-in-part of Ser. No. US 1999-408922, filed on
 30 Sep 1999, now abandoned
 PRAI US 1999-136409P 19990527 (60)
 US 1999-122526P 19990303 (60)
 US 1998-102912P 19981002 (60)
 DT Utility
 FS GRANTED
 LN.CNT 1691
 INCL INCLM: 424/734.000
 INCLS: 424/725.000; 424/773.000; 210/656.000; 210/690.000; 210/691.000;
 210/692.000

NCL NCLM: 424/734.000
 NCLS: 210/656.000; 210/690.000; 210/691.000; 210/692.000; 424/725.000;
 424/773.000

IC [7]
 ICM A61K035-78
 IPCI A61K0035-78 [ICM,7]
 IPCR A61K0036-185 [I,C*]; A61K0036-185 [I,A]; A61K0036-32 [I,A];
 A61K0036-48 [I,A]; A61K0036-61 [I,A]; A61K0036-67 [I,A];
 A61K0036-734 [I,A]; A61K0036-77 [I,A]

EXF 424/725; 424/734; 424/773; 210/656; 210/690; 210/691; 210/692

=> d 14 3-4

L4 ANSWER 3 OF 4 USPATFULL on STN
 AN 2005:131263 USPATFULL
 TI Pseudopterosin production
 IN Kerr, Russell, Boca Raton, FL, UNITED STATES
 PI US 20050112724 A1 20050526
 AI US 2004-875262 A1 20040624 (10)
 PRAI US 2003-482095P 20030624 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1523
 INCL INCLM: 435/069.100
 INCLS: 435/257.100
 NCL NCLM: 435/069.100
 NCLS: 435/257.100
 IC [7]
 ICM C12N001-12
 IPCI C12N0001-12 [ICM,7]
 IPCR C12N0001-12 [I,C*]; C12N0001-12 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 4 USPATFULL on STN
 AN 2004:141081 USPATFULL
 TI Pharmaceutical preparations of bioactive substances extracted
 from natural sources
 IN Martin, Michael Z., Laupahoehoe, HI, United States
 Ashraf-Khorassani, Mehdi, Blacksburg, VA, United States
 Taylor, Larry, Blacksburg, VA, United States
 PA Armadillo Pharmaceuticals, Inc., Armocas, CA, United States (U.S.
 corporation)
 Virginia Tech. Intellectual Properties, Inc., Blackburg, VA, United
 States (U.S. corporation)
 PI US 6746695 B1 20040608
 AI US 2000-578849 20000526 (9)
 RLI Continuation-in-part of Ser. No. US 2000-518191, filed on 3 Mar 2000,
 now abandoned Continuation-in-part of Ser. No. US 1999-408922, filed on
 30 Sep 1999, now abandoned
 PRAI US 1999-136409P 19990527 (60)
 US 1999-122526P 19990303 (60)
 US 1998-102912P 19981002 (60)
 DT Utility
 FS GRANTED
 LN.CNT 1691
 INCL INCLM: 424/734.000
 INCLS: 424/725.000; 424/773.000; 210/656.000; 210/690.000; 210/691.000;
 210/692.000
 NCL NCLM: 424/734.000
 NCLS: 210/656.000; 210/690.000; 210/691.000; 210/692.000; 424/725.000;
 424/773.000


```

IC      [7]
ICM     A61K035-78
IPCI    A61K0035-78 [ICM,7]
IPCR    A61K0036-185 [I,C*]; A61K0036-185 [I,A]; A61K0036-32 [I,A];
        A61K0036-48 [I,A]; A61K0036-61 [I,A]; A61K0036-67 [I,A];
        A61K0036-734 [I,A]; A61K0036-77 [I,A]
EXF     424/725; 424/734; 424/773; 210/656; 210/690; 210/691; 210/692

=> s coral(p)purif?
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'CORAL(P)PURIF?'
L5      738 CORAL(P) PURIF?

=> s extract? and l5
L6      249 EXTRACT? AND L5

=> s l6 and supercritical
L7      0 L6 AND SUPERCRITICAL

=> s l6 and pressure
L8      47 L6 AND PRESSURE

=> s l8 and temperature?
L9      23 L8 AND TEMPERATURE?

=> d l4 4

L4      ANSWER 4 OF 4  USPATFULL on STN
AN      2004:141081  USPATFULL
TI      Pharmaceutical preparations of bioactive substances extracted
        from natural sources
IN      Martin, Michael Z., Laupahoehoe, HI, United States
        Ashraf-Khorassani, Mehdi, Blacksburg, VA, United States
        Taylor, Larry, Blacksburg, VA, United States
PA      Armadillo Pharmaceuticals, Inc., Armocas, CA, United States (U.S.
        corporation)
        Virginia Tech. Intellectual Properties, Inc., Blackburg, VA, United
        States (U.S. corporation)
PI      US 6746695      B1  20040608
AI      US 2000-578849      20000526 (9)
RLI     Continuation-in-part of Ser. No. US 2000-518191, filed on 3 Mar 2000,
        now abandoned Continuation-in-part of Ser. No. US 1999-408922, filed on
        30 Sep 1999, now abandoned
PRAI    US 1999-136409P      19990527 (60)
        US 1999-122526P      19990303 (60)
        US 1998-102912P      19981002 (60)
DT      Utility
FS      GRANTED
LN.CNT  1691
INCL    INCLM: 424/734.000
        INCLS: 424/725.000; 424/773.000; 210/656.000; 210/690.000; 210/691.000;
        210/692.000
NCL     NCLM: 424/734.000
        NCLS: 210/656.000; 210/690.000; 210/691.000; 210/692.000; 424/725.000;
        424/773.000
IC      [7]
ICM     A61K035-78
IPCI    A61K0035-78 [ICM,7]
IPCR    A61K0036-185 [I,C*]; A61K0036-185 [I,A]; A61K0036-32 [I,A];
        A61K0036-48 [I,A]; A61K0036-61 [I,A]; A61K0036-67 [I,A];
        A61K0036-734 [I,A]; A61K0036-77 [I,A]

```

EXF 424/725; 424/734; 424/773; 210/656; 210/690; 210/691; 210/692

=> d 14 4 ab

L4 ANSWER 4 OF 4 USPATFULL on STN

AB This invention relates to methods of extracting and purifying bioactive substances from various plants and herbs. More specifically the invention relates to methods of extracting and separating bioactive substances from various plants and herbs, such as Kava root, Byrsonima species, Aesculus californica, Crataegus mexicana, Simmondsia chinensis, Pfaffia species, Alternanthera repens, Bursera species, Turnera species, Perezia species, Heimia salicifolia, Psidium species, Enterlobium species, Ptychopetalum olacoides, Liriosma ovata, and Chaunochiton kappleri, using supercritical fluid extraction and/or fluorocarbon solvent extract. The present invention further relates to separation of bioactive substances contained in extracts using packed column supercritical fluid chromatography or HPLC where dense gas with or without modifiers is the mobile phase. The present invention also relates to pharmaceutical preparations and dietary supplements which may be prepared with the extracted bioactive substances and use of such pharmaceutical preparations and dietary supplements to treat various human ailments.

=> s L4 and marine coral

L10 0 L4 AND MARINE CORAL

=> d hist

(FILE 'HOME' ENTERED AT 20:02:56 ON 12 JUN 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:03:21 ON 12 JUN 2009
SEA MARINE(P)CORAL? AND EXTRACT? AND ORGANIC AND TEMPERATURE?

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
2 FILE BIOSIS
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
1 FILE EMBASE
1 FILE ESBIODBASE
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
1 FILE MEDLINE
0* FILE NTIS
0* FILE NUTRACEUT
2* FILE PASCAL
0* FILE PHARMAML
1 FILE PROMT

```

          2   FILE SCISEARCH
          1   FILE TOXCENTER
        175   FILE USPATFULL
          52   FILE USPAT2
          0*   FILE WATER
          1   FILE WPIDS
          1   FILE WPINDEX
L1        QUE MARINE(P) CORAL? AND EXTRACT? AND ORGANIC AND TEMPERATURE?
          -----

```

FILE 'BIOSIS, EMBASE, ESBIOBASE, MEDLINE, PASCAL, PROMT, SCISEARCH, TOXCENTER, USPATFULL, USPAT2' ENTERED AT 20:06:16 ON 12 JUN 2009

```

L2        238 S L1
L3        234 DUP REM L2 (4 DUPLICATES REMOVED)
L4        4 S L3 AND SUPERCRITICAL(P)FLUID?
L5        738 S CORAL(P)PURIF?
L6        249 S EXTRACT? AND L5
L7        0 S L6 AND SUPERCRITICAL
L8        47 S L6 AND PRESSURE
L9        23 S L8 AND TEMPERATURE?
L10       0 S L4 AND MARINE CORAL

```

```

=> s L9 and coral
L11       23 L9 AND CORAL

```

```

=> d l11 1-23

```

```

L11  ANSWER 1 OF 23      MEDLINE on STN
AN   2003235505      MEDLINE
DN   PubMed ID: 12606339
TI   Sex steroids in scleractinian coral, Euphyllia ancora:
      implication in mass spawning.
AU   Twan Wen-Hung; Hwang Jiang-Shiou; Chang Ching-Fong
CS   Institute of Marine Biology, National Taiwan Ocean University, Taiwan,
      Reoublic of China.
SO   Biology of reproduction, (2003 Jun) Vol. 68, No. 6, pp. 2255-60.
      Electronic Publication: 2003-01-22.
      Journal code: 0207224. ISSN: 0006-3363.
CY   United States
DT   Journal; Article; (JOURNAL ARTICLE)
      (RESEARCH SUPPORT, NON-U.S. GOV'T)
LA   English
FS   Priority Journals
EM   200402
ED   Entered STN: 22 May 2003
      Last Updated on STN: 3 Feb 2004
      Entered Medline: 2 Feb 2004

```

```

L11  ANSWER 2 OF 23  PROMT  COPYRIGHT 2009 Gale Group on STN

```

```

ACCESSION NUMBER:  2003:394581  PROMT
TITLE:             Aisle by aisle guide. (PITTCO[R] 2003 Bringing Together
                   The Elements of Science).
SOURCE:            Laboratory Equipment, (Feb 2003) Vol. 39, No. 9, pp. 35(9).
                   ISSN: ISSN: 0023-6810.
PUBLISHER:         Reed Business Information
DOCUMENT TYPE:     Newsletter
LANGUAGE:          English
WORD COUNT:        7590
                   *FULL TEXT IS AVAILABLE IN THE ALL FORMAT*

```

```

L11  ANSWER 3 OF 23  PROMT  COPYRIGHT 2009 Gale Group on STN

```

ACCESSION NUMBER: 1999:68088 PROMT
TITLE: Manufacturers Alphabetic Listings.(Directory)
SOURCE: Air Conditioning, Heating & Refrigeration News, (4 Jan 1999
) Vol. 206, No. 1, pp. 38(1).
ISSN: 0002-2276.
PUBLISHER: Business News Publishing Company
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 84481
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L11 ANSWER 4 OF 23 USPATFULL on STN
AN 2009:158724 USPATFULL
TI Directed evolution methods for improving polypeptide folding, solubility
and stability
IN Bradbury, Andrew M., Santa Fe, NM, UNITED STATES
Kiss, Csaba, Los Alamos, NM, UNITED STATES
Waldo, Geoffrey S., Santa Fe, NM, UNITED STATES
PA Los Alamos National Security (U.S. corporation)
PI US 20090142820 A1 20090604
AI US 2008-286967 A1 20081002 (12)
RLI Continuation-in-part of Ser. No. US 2007-900551, filed on 11 Sep 2007,
PENDING Division of Ser. No. US 2003-423688, filed on 24 Apr 2003, Pat.
No. US 7271241 Continuation-in-part of Ser. No. US 2002-132067, filed on
24 Apr 2002, ABANDONED
DT Utility
FS APPLICATION
LN.CNT 3133
INCL INCLM: 435/183.000
INCLS: 506 1
NCL NCLM: 435/183.000
NCLS: 506 1
IC IPCI C12N0009-00 [I,A]; C40B0010-00 [I,A]

L11 ANSWER 5 OF 23 USPATFULL on STN
AN 2009:75658 USPATFULL
TI Directed evolution methods for improving polypeptide folding and
solubility and superfolder fluorescent proteins generated thereby
IN Waldo, Geoffrey S., Santa Fe, NM, UNITED STATES
PI US 20090068732 A1 20090312
AI US 2007-900551 A1 20070911 (11)
RLI Division of Ser. No. US 2003-423688, filed on 24 Apr 2003, Pat. No. US
7271241 Continuation-in-part of Ser. No. US 2002-132067, filed on 24 Apr
2002, ABANDONED
DT Utility
FS APPLICATION
LN.CNT 2763
INCL INCLM: 435/325.000
INCLS: 536/023.500; 435/320.100
NCL NCLM: 435/325.000
NCLS: 536/023.500; 435/320.100
IC IPCI C12N0005-00 [I,A]; C07H0021-04 [I,A]; C07H0021-00 [I,C*];
C12N0015-63 [I,A]
IPCR C12N0005-00 [I,C]; C12N0005-00 [I,A]; C07H0021-00 [I,C];
C07H0021-04 [I,A]; C07K0014-435 [I,C*]; C07K0014-435 [I,A];
C07K0016-00 [I,C*]; C07K0016-00 [I,A]; C12N0015-63 [I,C];
C12N0015-63 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A];
G01N0033-533 [I,C*]; G01N0033-533 [I,A]; G01N0033-58 [I,C*];
G01N0033-58 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 6 OF 23 USPATFULL on STN
AN 2007:302637 USPATFULL
TI Method for Identification of Enzymes
IN Newman, Jack D., Berkeley, CA, UNITED STATES
Renninger, Neil, Albany, CA, UNITED STATES
Martin, Vincent J.J., Kensington, CA, UNITED STATES
Keasling, Jay D., Berkeley, CA, UNITED STATES
Reiling, Keith Kinhead, Oakland, CA, UNITED STATES
PI US 20070264632 A1 20071115
AI US 2004-581975 A1 20041208 (10)
WO 2004-US41876 20041208
20070523 PCT 371 date
PRAI US 2003-528373P 20031209 (60)
DT Utility
FS APPLICATION
LN.CNT 1889
INCL INCLM: 435/006.000
INCLS: 435/007.400
NCL NCLM: 435/006.000
NCLS: 435/007.400
IC IPCI G01N0033-573 [I,A]; C12Q0001-68 [I,A]
IPCR G01N0033-573 [I,C]; G01N0033-573 [I,A]; C07K0016-00 [I,C*];
C07K0016-00 [I,A]; C12N0015-09 [I,C*]; C12N0015-09 [I,A];
C12Q0001-00 [I,C*]; C12Q0001-00 [I,A]; C12Q0001-68 [I,C];
C12Q0001-68 [I,A]; G01N [I,S]; G01N0033-00 [I,C*]; G01N0033-00
[I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 7 OF 23 USPATFULL on STN
AN 2007:256725 USPATFULL
TI Self-Pressurizing, Self-Purifying System and Method for Methane
Production by Anaerobic Digestion
IN Jewell, William J., Ithaca, NY, UNITED STATES
PA Cornell Research Foundation, Inc., Ithaca, NY, UNITED STATES, 14850
(U.S. corporation)
PI US 20070224669 A1 20070927
AI US 2005-579922 A1 20050513 (11)
WO 2005-US17043 20050513
20061108 PCT 371 date
PRAI US 2004-570451P 20040513 (60)
DT Utility
FS APPLICATION
LN.CNT 557
INCL INCLM: 435/167.000
INCLS: 435/290.100
NCL NCLM: 435/167.000
NCLS: 435/290.100
IC IPCI C12P0005-02 [I,A]; C12P0005-00 [I,C*]; C12M0001-107 [I,A]
IPCR C12P0005-00 [I,C]; C12P0005-02 [I,A]; C12M0001-107 [I,C];
C12M0001-107 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 8 OF 23 USPATFULL on STN
AN 2007:115060 USPATFULL
TI Coral purification method and coral thus
obtained
IN Lepetitcorps, Yann, Leognan, FRANCE
Fricain, Jean-Christophe, Bordeaux, FRANCE
Souillac, Vincent, Bordeaux, FRANCE
Largeteau, Alain, Cestas, FRANCE
Schmitthaeusler, Roland, Montigny Le Bretonneux, FRANCE
PI US 20070100134 A1 20070503

AI US 2004-581273 A1 20041206 (10)
 WO 2004-FR3126 20041206
 20060601 PCT 371 date
 PRAI FR 2003-14299 20031205
 DT Utility
 FS APPLICATION
 LN.CNT 279
 INCL INCLM: 530/422.000
 NCL NCLM: 530/422.000
 IC IPCI A23J0001-00 [I,A]
 IPCR A23J0001-00 [I,C]; A23J0001-00 [I,A]; A61L0027-00 [I,C*];
 A61L0027-12 [I,A]; A61L0027-36 [I,A]

L11 ANSWER 9 OF 23 USPATFULL on STN
 AN 2007:12284 USPATFULL
 TI Safety containers for biologically active substances and method for
 producing said container
 IN Bensmann, Hubert, Halle/Westfalen, GERMANY, FEDERAL REPUBLIC OF
 Kranzmann, Heiko, Bielefeld, GERMANY, FEDERAL REPUBLIC OF
 Milsmann, Eckhard, Bielefeld, GERMANY, FEDERAL REPUBLIC OF
 Wichert, Burkhard, Bielefeld, GERMANY, FEDERAL REPUBLIC OF
 PA Baxter International Inc, Deerfield, IL, UNITED STATES, 60015 (non-U.S.
 corporation)
 PI US 20070010700 A1 20070111
 AI US 2004-541692 A1 20040109 (10)
 WO 2004-EP98 20040109
 20060829 PCT 371 date
 PRAI US 2003-60438822 20030109
 DE 2001-103003231 20010109
 DT Utility
 FS APPLICATION
 LN.CNT 2108
 INCL INCLM: 588/001.000
 NCL NCLM: 588/001.000
 IC IPCI G21F0009-00 [I,A]
 IPCR G21F0009-00 [I,C]; G21F0009-00 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 10 OF 23 USPATFULL on STN
 AN 2005:131263 USPATFULL
 TI Pseudopterosin production
 IN Kerr, Russell, Boca Raton, FL, UNITED STATES
 PI US 20050112724 A1 20050526
 AI US 2004-875262 A1 20040624 (10)
 PRAI US 2003-482095P 20030624 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1523
 INCL INCLM: 435/069.100
 INCLS: 435/257.100
 NCL NCLM: 435/069.100
 NCLS: 435/257.100
 IC [7]
 ICM C12N001-12
 IPCI C12N0001-12 [ICM,7]
 IPCR C12N0001-12 [I,C*]; C12N0001-12 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 11 OF 23 USPATFULL on STN
 AN 2005:104973 USPATFULL
 TI Variants of cyan fluorescent protein with improved fluorescent
 properties

IN Piston, David, Nashville, TN, UNITED STATES
 Rizzo, Mark, Nashville, TN, UNITED STATES
 PA Vanderbilt University (U.S. corporation)
 PI US 20050089908 A1 20050428
 US 7351537 B2 20080401
 AI US 2004-948846 A1 20040923 (10)
 PRAI US 2003-505299P 20030923 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 2941
 INCL INCLM: 435/006.000
 INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
 NCL NCLM: 435/006.000
 NCLS: 435/041.000; 435/069.100; 435/325.000; 435/410.000; 530/350.000;
 536/023.100; 435/320.100; 536/023.500
 IC [7]
 ICM C12Q001-68
 ICS C07H021-04; C07K014-435
 IPCI C12Q0001-68 [ICM,7]; C07H0021-04 [ICS,7]; C07H0021-00 [ICS,7,C*];
 C07K0014-435 [ICS,7]
 IPCI-2 C12Q0001-68 [I,A]; C12P0001-00 [I,A]; C12N0005-00 [I,A];
 C07H0021-04 [I,A]; C07H0021-00 [I,C*]; C07K0014-00 [I,A]
 IPCR C12Q0001-68 [I,C]; C12Q0001-68 [I,A]; C07H0021-00 [I,C];
 C07H0021-04 [I,A]; C07K0014-00 [I,C]; C07K0014-00 [I,A];
 C07K0014-435 [I,C*]; C07K0014-435 [I,A]; C12N0005-00 [I,C];
 C12N0005-00 [I,A]; C12P0001-00 [I,C]; C12P0001-00 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 12 OF 23 USPATFULL on STN
 AN 2005:74700 USPATFULL
 TI Methods and reagents for decreasing clinical reaction to allergy
 IN Caplan, Michael J., Woodbridge, CT, UNITED STATES
 Bottomly, Kim H., New Haven, CT, UNITED STATES
 Sosin, Howard B., Fairfield, CT, UNITED STATES
 Burks, A. Wesley, Chapel Hill, NC, UNITED STATES
 Sampson, Hugh A., Larchmont, NY, UNITED STATES
 PI US 20050063994 A1 20050324
 AI US 2004-899551 A1 20040726 (10)
 RLI Continuation-in-part of Ser. No. US 2000-731375, filed on 6 Dec 2000,
 PENDING Continuation-in-part of Ser. No. US 2002-100303, filed on 18 Mar
 2002, PENDING
 PRAI US 2000-195035P 20000406 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 6456
 INCL INCLM: 424/200.100
 NCL NCLM: 424/200.100
 IC [7]
 ICM A61K039-02
 IPCI A61K0039-02 [ICM,7]
 IPCR A61K0039-35 [I,C*]; A61K0039-35 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 13 OF 23 USPATFULL on STN
 AN 2004:276412 USPATFULL
 TI Antimitotic compounds
 IN Andersen, Raymond J., Vancouver, CANADA
 Roberge, Michel, Vancouver, CANADA
 Cinel, Bruno, Kamloops, CANADA
 PA The University of British Columbia, Vancouver, CANADA (non-U.S.
 corporation)
 PI US 6812037 B1 20041102

WO 2001038339 20010531
 AI US 2002-148017 20021107 (10)
 WO 2000-CA1395 20001124
 PRAI CA 1999-2290316 19991124
 DT Utility
 FS GRANTED
 LN.CNT 791
 INCL INCLM: 436/512.000
 INCLS: 436/064.000; 536/127.000
 NCL NCLM: 436/512.000
 NCLS: 436/064.000; 536/127.000
 IC [7]
 ICM G01N033-48
 ICS G01N033-563; C07H001-00
 IPCI G01N0033-48 [ICM,7]; G01N0033-563 [ICS,7]; C07H0001-00 [ICS,7]
 IPCR C12P0019-00 [I,C*]; C12P0019-60 [I,A]; A61K0031-7042 [I,C*];
 A61K0031-7052 [I,A]; A61K0035-56 [I,C*]; A61K0035-56 [I,A];
 A61P0035-00 [I,C*]; A61P0035-00 [I,A]; A61P0043-00 [I,C*];
 A61P0043-00 [I,A]; C07H0015-00 [I,C*]; C07H0015-26 [I,A];
 C07H0017-00 [I,C*]; C07H0017-08 [I,A]; C12N0005-06 [I,C*];
 C12N0005-06 [I,A]
 EXF 436/64; 436/512; 536/127
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 14 OF 23 USPATFULL on STN
 AN 2004:102278 USPATFULL
 TI Directed evolution methods for improving polypeptide folding and
 solubility and superfolder fluorescent proteins generated thereby
 IN Waldo, Geoffrey S., Santa Fe, NM, UNITED STATES
 PI US 20040078148 A1 20040422
 US 7271241 B2 20070918
 AI US 2003-423688 A1 20030424 (10)
 RLI Continuation-in-part of Ser. No. US 2002-132067, filed on 24 Apr 2002,
 PENDING
 DT Utility
 FS APPLICATION
 LN.CNT 2833
 INCL INCLM: 702/020.000
 INCLS: 435/069.100; 435/320.100; 435/325.000; 435/455.000; 435/007.100
 NCL NCLM: 530/350.000; 702/020.000
 NCLS: 435/069.100; 435/007.100; 435/320.100; 435/325.000; 435/455.000
 IC [7]
 ICM G01N033-53
 ICS G06F019-00; G01N033-48; G01N033-50; C12P021-02; C12N005-06;
 C12N015-85
 IPCI G01N0033-53 [ICM,7]; G06F0019-00 [ICS,7]; G01N0033-48 [ICS,7];
 G01N0033-50 [ICS,7]; C12P0021-02 [ICS,7]; C12N0005-06 [ICS,7];
 C12N0015-85 [ICS,7]
 IPCI-2 A61K0038-16 [I,A]; C07K0014-00 [I,A]
 IPCR A61K0038-16 [I,C]; A61K0038-16 [I,A]; C07K0014-00 [I,C];
 C07K0014-00 [I,A]; C07K0014-435 [I,C*]; C07K0014-435 [I,A];
 C07K0016-00 [I,C*]; C07K0016-00 [I,A]; C12Q0001-68 [I,C*];
 C12Q0001-68 [I,A]; G01N0033-533 [I,C*]; G01N0033-533 [I,A];
 G01N0033-58 [I,C*]; G01N0033-58 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 15 OF 23 USPATFULL on STN
 AN 2003:200827 USPATFULL
 TI Assessment of ecosystem health by evaluating multiple biomarkers in a
 nonhuman organism
 IN Downs, Craig A., Mansfield, OH, UNITED STATES
 PI US 20030138812 A1 20030724

AI US 2002-251093 A1 20020920 (10)
 RLI Continuation of Ser. No. US 2000-662187, filed on 15 Sep 2000, PENDING
 DT Utility
 FS APPLICATION
 LN.CNT 2314
 INCL INCLM: 435/006.000
 INCLS: 514/001.000; 424/009.200; 435/005.000
 NCL NCLM: 435/006.000
 NCLS: 424/009.200; 435/005.000; 514/001.000
 IC [7]
 ICM A61K049-00
 ICS A61K031-00; A01N061-00; C12Q001-70; C12Q001-68
 IPCI A61K0049-00 [ICM,7]; A61K0031-00 [ICS,7]; A01N0061-00 [ICS,7];
 C12Q0001-70 [ICS,7]; C12Q0001-68 [ICS,7]
 IPCR C12Q0001-00 [I,C*]; C12Q0001-00 [I,A]; G01N0033-50 [I,C*];
 G01N0033-50 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 16 OF 23 USPATFULL on STN
 AN 2002:273334 USPATFULL
 TI Helicobacter pylori membrane proteins
 IN Lissolo, Ling, Marcy L'Etoile, FRANCE
 PI US 20020151462 A1 20021017
 AI US 2000-488737 A1 20000120 (9)
 RLI Continuation of Ser. No. US 1998-849627, filed on 19 Feb 1998, ABANDONED
 A 371 of International Ser. No. WO 1996-FR1552, filed on 4 Oct 1996,
 UNKNOWN
 DT Utility
 FS APPLICATION
 LN.CNT 1217
 INCL INCLM: 514/002.000
 NCL NCLM: 514/002.000
 IC [7]
 ICM A01N037-18
 ICS A61K038-00; A61K031-545
 IPCI A01N0037-18 [ICM,7]; A61K0038-00 [ICS,7]; A61K0031-545 [ICS,7]
 IPCR A61K0039-00 [N,C*]; A61K0039-00 [N,A]; C07K0014-195 [I,C*];
 C07K0014-205 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 17 OF 23 USPATFULL on STN
 AN 2000:27626 USPATFULL
 TI Weathered reef-building coral material
 IN Yoshizumi, Satoshi, Kanagawa, Japan
 Oda, Toshiharu, Okinawa, Japan
 PA Coral Biotech Kabushiki Kaisha, Naha, Japan (non-U.S. corporation)
 PI US 6033730 20000307
 WO 9919259 19990422
 AI US 1998-77890 19980612 (9)
 WO 1997-JP3718 19971015
 19980612 PCT 371 date
 19980612 PCT 102(e) date
 DT Utility
 FS Granted
 LN.CNT 1012
 INCL INCLM: 427/244.000
 INCLS: 424/439.000; 424/489.000; 424/520.000; 424/549.000; 426/074.000;
 427/215.000; 427/309.000; 427/337.000; 427/353.000; 427/354.000;
 427/369.000; 427/430.100; 427/443.100; 210/500.100; 210/501.000;
 210/506.000
 NCL NCLM: 427/244.000
 NCLS: 210/500.100; 210/501.000; 210/506.000; 424/439.000; 424/489.000;

424/520.000; 424/549.000; 426/074.000; 427/215.000; 427/309.000;
427/337.000; 427/353.000; 427/354.000; 427/369.000; 427/430.100;
427/443.100

IC [7]
ICM B05D001-36
ICS B05D003-02; B05D003-10; B05D003-12
IPCI B05D0001-36 [ICM,7]; B05D0003-02 [ICS,7]; B05D0003-10 [ICS,7];
B05D0003-12 [ICS,7]
IPCR A23L0001-304 [I,C*]; A23L0001-304 [I,A]; A23L0001-308 [I,C*];
A23L0001-308 [I,A]; B01D0039-02 [I,C*]; B01D0039-06 [I,A];
B01J0003-00 [I,C*]; B01J0003-00 [I,A]; C02F0001-28 [I,C*];
C02F0001-28 [I,A]; C02F0001-50 [I,C*]; C02F0001-50 [I,A]
EXF 427/4; 427/430.1; 427/443.1; 427/345; 427/350; 427/354; 427/308;
427/309; 427/377; 427/380; 427/383.3; 427/244; 427/352; 427/353;
427/215; 427/337; 427/369; 426/74; 424/439; 424/489; 424/520; 424/549;
210/500.1; 210/501; 210/506; 210/354; 210/355

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 18 OF 23 USPATFULL on STN

AN 89:95768 USPATFULL

TI Self-contained renewable energy system

IN Perry, Jr., John H., Jupiter, FL, United States

Bhatt, Bharat K., Fullerton, CA, United States

Capps, Jesse, Santa Ana, CA, United States

Eldridge, Paul M., Jupiter, FL, United States

Greiner, Leonard, Sordana, CA, United States

Lockyer, Robert W., Jupiter, FL, United States

Martin, Michelle, Atlanta, GA, United States

McNeice, Raymond R., Lake Park, FL, United States

Misiaszek, Steven M., Lake Park, FL, United States

Perry, Stanton S., Dana Point, CA, United States

Sullivan, Thomas F., Lake Worth, FL, United States

Campbell, Paul G., North Palm Beach, FL, United States

PA Perry Oceanographics, Inc., Riviera Beach, FL, United States (U.S.
corporation)

PI US 4883823 19891128

AI US 1988-184474 19880421 (7)

RLI Division of Ser. No. US 1986-931464, filed on 14 Nov 1986, now patented,
Pat. No. US 4776171

DT Utility

FS Granted

LN.CNT 1596

INCL INCLM: 518/702.000

INCLS: 518/713.000

NCL NCLM: 518/702.000

NCLS: 518/713.000

IC [4]

ICM C07O027-06

ICS C07L031-04

IPCI C07O0027-06 [ICM,4]; C07L0031-04 [ICS,4]

IPCR C02F0001-04 [I,C*]; C02F0001-04 [I,A]; F01B0011-00 [I,C*];

F01B0011-00 [I,A]; F02G0001-00 [I,C*]; F02G0001-04 [I,A];

F03G0006-00 [I,C*]; F03G0006-06 [I,A]; F04B0017-00 [I,C*];

F04B0017-00 [I,A]; F04B0017-02 [I,A]

EXF 518/702; 518/713

L11 ANSWER 19 OF 23 USPATFULL on STN

AN 88:64661 USPATFULL

TI Self-contained renewable energy system

IN Perry, Jr., John H., Jupiter, FL, United States

Bhatt, Bharat K., Fullerton, CA, United States

Capps, Jesse, Santa Ana, CA, United States

Eldridge, Paul M., Jupiter, FL, United States
 Greiner, Leonard, Santa Ana, CA, United States
 Lockyer, Robert W., Jupiter, FL, United States
 Martin, Michelle, Atlanta, GA, United States
 McNeice, Raymond R., Lake Park, FL, United States
 Misiaszek, Steven M., Lake Park, FL, United States
 Perry, Stanton S., Dana Point, CA, United States
 Sullivan, Thomas F., Lake Worth, FL, United States
 Campbell, Paul G., North Palm Beach, FL, United States
 PA Perry Oceanographics, Inc., Riviera Beach, FL, United States (U.S. corporation)
 PI US 4776171 19881011
 AI US 1986-931464 19861114 (6)
 DT Utility
 FS Granted
 LN.CNT 1648
 INCL INCLM: 060/698.000
 NCL NCLM: 060/698.000
 NCLS: 518/702.000; 518/704.000; 518/713.000
 IC [4]
 ICM F01B023-08
 IPCI F01B0023-08 [ICM,4]; F01B0023-00 [ICM,4,C*]
 IPCR C02F0001-04 [I,C*]; C02F0001-04 [I,A]; F01B0011-00 [I,C*];
 F01B0011-00 [I,A]; F02G0001-00 [I,C*]; F02G0001-04 [I,A];
 F03G0006-00 [I,C*]; F03G0006-06 [I,A]; F04B0017-00 [I,C*];
 F04B0017-00 [I,A]; F04B0017-02 [I,A]
 EXF 060/698

 L11 ANSWER 20 OF 23 USPATFULL on STN
 AN 87:79553 USPATFULL
 TI Water treatment package
 IN Nishimori, Shozo, Shiga, Japan
 Eguma, Chikashi, Shiga, Japan
 PA Shiraimatsu Shinyaku Kabushiki Kaisha, Shiga, Japan (non-U.S. corporation)
 PI US 4707263 19871117
 AI US 1986-906056 19860911 (6)
 PRAI JP 1985-U143771 19850919
 DT Utility
 FS Granted
 LN.CNT 389
 INCL INCLM: 210/484.000
 INCLS: 210/282.000; 210/506.000
 NCL NCLM: 210/484.000
 NCLS: 210/282.000; 210/506.000
 IC [4]
 ICM C02F001-28
 IPCI C02F0001-28 [ICM,4]
 IPCR C02F0001-28 [I,C*]; C02F0001-28 [I,A]; A23F0003-00 [I,C*];
 A23F0003-16 [I,A]; A23L0002-00 [I,C*]; A23L0002-00 [I,A];
 B01J0020-28 [I,C*]; B01J0020-28 [I,A]; C02F0001-00 [I,C*];
 C02F0001-00 [I,A]; C02F0001-66 [I,C*]; C02F0001-66 [I,A];
 C02F0001-68 [I,C*]; C02F0001-68 [I,A]; C02F0001-76 [I,C*];
 C02F0001-76 [I,A]
 EXF 210/282; 210/484; 210/502.1; 210/503; 210/504; 210/506; 426/77
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

 L11 ANSWER 21 OF 23 USPAT2 on STN
 AN 2005:104973 USPAT2
 TI Variants of cyan fluorescent protein with improved fluorescent properties
 IN Piston, David, Nashville, TN, UNITED STATES

Rizzo, Mark, Nashville, TN, UNITED STATES
 PA Vanderbilt University, Nashville, TN, UNITED STATES (U.S. corporation)
 PI US 7351537 B2 20080401
 AI US 2004-948846 20040923 (10)
 PRAI US 2003-505299P 20030923 (60)
 DT Utility
 FS GRANTED
 LN.CNT 2950
 INCL INCLM: 435/006.000
 INCLS: 435/041.000; 435/069.100; 435/325.000; 435/410.000; 536/023.100;
 530/350.000
 NCL NCLM: 435/006.000
 NCLS: 435/041.000; 435/069.100; 435/325.000; 435/410.000; 530/350.000;
 536/023.100; 435/320.100; 536/023.500
 IC IPCI C12Q0001-68 [ICM,7]; C07H0021-04 [ICS,7]; C07H0021-00 [ICS,7,C*];
 C07K0014-435 [ICS,7]
 IPCI-2 C12Q0001-68 [I,A]; C12P0001-00 [I,A]; C12N0005-00 [I,A];
 C07H0021-04 [I,A]; C07H0021-00 [I,C*]; C07K0014-00 [I,A]
 IPCR C12Q0001-68 [I,C]; C12Q0001-68 [I,A]; C07H0021-00 [I,C];
 C07H0021-04 [I,A]; C07K0014-00 [I,C]; C07K0014-00 [I,A];
 C07K0014-435 [I,C*]; C07K0014-435 [I,A]; C12N0005-00 [I,C];
 C12N0005-00 [I,A]; C12P0001-00 [I,C]; C12P0001-00 [I,A]
 EXF 530/350
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 22 OF 23 USPAT2 on STN
 AN 2004:274290 USPAT2
 TI Methods of treating inflammation
 IN Mink, Steven N., 1106-7 Evergreen Place, Winnipeg, Manitoba, CANADA R3E
 0Z3
 Jacobs, Hans, Thomas Mann Str. 5, Roesrath, GERMANY, FEDERAL REPUBLIC OF
 D-51503
 Bose, Deepak, 46 Lancaster Boulevard, Winnipeg, Manitoba, CANADA R3P
 0E4
 Duke, Krika, 244 Elmhurst Road, Winnipeg, Manitoba, CANADA R3R 0T4
 Light, R. Bruce, 50 McNulty Crescent, Winnipeg, Manitoba, CANADA R2M
 5H4
 PI US 7402575 B2 20080722
 AI US 2004-762581 20040123 (10)
 PRAI US 2003-442060P 20030124 (60)
 DT Utility
 FS GRANTED
 LN.CNT 3248
 INCL INCLM: 514/053.000
 INCLS: 514/055.000; 514/061.000; 536/020.000; 536/123.100
 NCL NCLM: 514/053.000
 NCLS: 514/055.000; 514/061.000; 536/020.000; 536/123.100; 514/054.000
 IC IPCI A61K0031-737 [ICM,7]
 IPCI-2 A61K0031-722 [I,A]; A61K0031-716 [I,C*]; C08B0037-08 [I,A];
 C08B0037-00 [I,C*]
 IPCR A61K0031-716 [I,C]; A61K0031-722 [I,A]; A61K0031-00 [I,C*];
 A61K0031-00 [I,A]; A61K0031-737 [I,C*]; A61K0031-737 [I,A];
 C08B0037-00 [I,C]; C08B0037-08 [I,A]
 EXF 514/313; 514/443; 514/530; 514/25; 514/28; 514/277; 514/288; 514/315;
 530/350; 536/23.1; 536/23.5; 536/24.31; 435/320.1; 435/69.1; 435/252.3;
 435/71.1; 435/6; 424/208; 424/94.61
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 23 OF 23 USPAT2 on STN
 AN 2004:102278 USPAT2
 TI Directed evolution methods for improving polypeptide folding and
 solubility and superfolder fluorescent proteins generated thereby

IN Waldo, Geoffrey S., Santa Fe, NM, UNITED STATES
 PA Los Alamos National Security, LLC, Los Alamos, NM, UNITED STATES (U.S. corporation)
 PI US 7271241 B2 20070918
 AI US 2003-423688 20030424 (10)
 RLI Continuation-in-part of Ser. No. US 2002-132067, filed on 24 Apr 2002, ABANDONED
 DT Utility
 FS GRANTED
 LN.CNT 2699
 INCL INCLM: 530/350.000
 INCLS: 435/069.100
 NCL NCLM: 530/350.000; 702/020.000
 NCLS: 435/069.100; 435/007.100; 435/320.100; 435/325.000; 435/455.000
 IC IPCI G01N0033-53 [ICM,7]; G06F0019-00 [ICS,7]; G01N0033-48 [ICS,7];
 G01N0033-50 [ICS,7]; C12P0021-02 [ICS,7]; C12N0005-06 [ICS,7];
 C12N0015-85 [ICS,7]
 IPCI-2 A61K0038-16 [I,A]; C07K0014-00 [I,A]
 IPCR A61K0038-16 [I,C]; A61K0038-16 [I,A]; C07K0014-00 [I,C];
 C07K0014-00 [I,A]; C07K0014-435 [I,C*]; C07K0014-435 [I,A];
 C07K0016-00 [I,C*]; C07K0016-00 [I,A]; C12Q0001-68 [I,C*];
 C12Q0001-68 [I,A]; G01N0033-533 [I,C*]; G01N0033-533 [I,A];
 G01N0033-58 [I,C*]; G01N0033-58 [I,A]
 EXF 530/350
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s coral purificatin and compounds
 L12 0 CORAL PURIFICATIN AND COMPOUNDS

=> s coral purifi? and extract?(p)compound?
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'EXTRACT?(P)COMPOUND?'
 L13 1 CORAL PURIFI? AND EXTRACT?(P) COMPOUND?

=> d

L13 ANSWER 1 OF 1 USPATFULL on STN
 AN 2007:115060 USPATFULL
 TI Coral purification method and coral thus obtained
 IN Lepetitcorps, Yann, Leognan, FRANCE
 Fricain, Jean-Christophe, Bordeaux, FRANCE
 Souillac, Vincent, Bordeaux, FRANCE
 Largeteau, Alain, Cestas, FRANCE
 Schmitthaeusler, Roland, Montigny Le Bretonneux, FRANCE
 PI US 20070100134 A1 20070503
 AI US 2004-581273 A1 20041206 (10)
 WO 2004-FR3126 20041206
 20060601 PCT 371 date
 PRAI FR 2003-14299 20031205
 DT Utility
 FS APPLICATION
 LN.CNT 279
 INCL INCLM: 530/422.000
 NCL NCLM: 530/422.000
 IC IPCI A23J0001-00 [I,A]
 IPCR A23J0001-00 [I,C]; A23J0001-00 [I,A]; A61L0027-00 [I,C*];
 A61L0027-12 [I,A]; A61L0027-36 [I,A]

=> d hist

(FILE 'HOME' ENTERED AT 20:02:56 ON 12 JUN 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:03:21 ON 12 JUN 2009
SEA MARINE(P)CORAL? AND EXTRACT? AND ORGANIC AND TEMPERATURE?

0* FILE ADISNEWS
0* FILE ANTE
0* FILE AQUALINE
0* FILE BIOENG
2 FILE BIOSIS
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CEABA-VTB
0* FILE CIN
1 FILE EMBASE
1 FILE ESBIOBASE
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
0* FILE KOSMET
1 FILE MEDLINE
0* FILE NTIS
0* FILE NUTRACEUT
2* FILE PASCAL
0* FILE PHARMAML
1 FILE PROMT
2 FILE SCISEARCH
1 FILE TOXCENTER
175 FILE USPATFULL
52 FILE USPAT2
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

L1 QUE MARINE(P) CORAL? AND EXTRACT? AND ORGANIC AND TEMPERATURE?

FILE 'BIOSIS, EMBASE, ESBIOBASE, MEDLINE, PASCAL, PROMT, SCISEARCH, TOXCENTER, USPATFULL, USPAT2' ENTERED AT 20:06:16 ON 12 JUN 2009

L2 238 S L1
L3 234 DUP REM L2 (4 DUPLICATES REMOVED)
L4 4 S L3 AND SUPERCRITICAL(P)FLUID?
L5 738 S CORAL(P)PURIF?
L6 249 S EXTRACT? AND L5
L7 0 S L6 AND SUPERCRITICAL
L8 47 S L6 AND PRESSURE
L9 23 S L8 AND TEMPERATURE?
L10 0 S L4 AND MARINE CORAL
L11 23 S L9 AND CORAL
L12 0 S CORAL PURIFICATIN AND COMPOUNDS
L13 1 S CORAL PURIFI? AND EXTRACT?(P)COMPOUND?

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

58.69

62.31

STN INTERNATIONAL LOGOFF AT 20:16:55 ON 12 JUN 2009